Ci 5650

The best printer for rough environments

The Ci5650 is a high performance printer for rough environments: With the IP65 classification, a pressurized printer cabinet and a print head suitable for extremely dusty or wet environments, not much can stop this machine.

It also shares the unique features of the Ci5500, including 5-line print, logos and 2D codes in razor-sharp quality and a printing speed of up to 588 m/min. The reliability is market-leading, supported by the unique 30-months standard warranty.

Powered by Citronix.

Suitable for

Users valuing protection class IP65 in their production process due to above average dust accumulation and moisture.

Further information: www.elried.de

Wide spectrum of MEK, acetone, ethanol and special inks

Ideal of operational reliability, 30 months warranty

1 to 5 printing lines with a character height of 1,5 – 12 mm (5 - 31 dots)

IP65 water and dust protection, pressurized printing system

Precise logos and 2D barcodes with CiPrecisionPlus technology

10" WYSIWYG display with highly intuitive user interface

Printing speed of up to 588 m/min

Communication and monitoring via ethernet and RS232

TECHNICAL SPECIFICATIONS

Components

Display	• 10.1"-High-resolution display with WYSIWYG text preview
Language	• Interface with 40 languages, e.g. English, French, German, Spanish, Chinese, Russian and Japanese
Print technology	• Continuous Inkjet (CIJ) omni-directional; for a high printing quality on nearly all surfaces and materials
Tank capacity	• Big 1,9 liter ink tank and 2,25 liter Make-Up tank for long continuous operating times
Input	• Precise touchscreen with keyboards for all common languages
Message capabilities	• Alphanumeric text and logos, date/ time, shift code, counter, lot and box number, 1D and 2D-barcodes
	• 1 to 5 line print with character height of 5 – 31 dots
Storage capacity	• Over 1000 texts, logos and templates
Line speed	• Up to 588 m/min @ 50 dpi
Power supply	• AC 100-240 V, 50/60 Hz, 3 A, automatic switching
Printer dimension (L/W/H)	• 16" x 15,9" x 14,2" (inches) case made of stainless steel
Printhead dimensions (L/W/H)	• 10" x 1,56" x 1,56" (inches)
Weight	• 18,73 kg (incl. print head)
Citronix ink spectrum	• MEK Black, Ethanol Black, Acetone Black, MEK Red, MEK Blue, MEK Green, alcohol resistant Black, Black with washable lye, Acetone/Ethanol Black, Plastic Black, PlasticPlus Black, UV-readable, Red in food quality, Thermochromic Black to Red
Features	• Flexible 2,7 m printhead conduit (optional 4,6 m)
	• Ci Safe Fill to prevent false filling
	• SmartFlush – automatically cleans printhead at shutdown, ensuring excellent start up printing performance
	• Drop size can be changed between Normal 60 mu and Macro 75 mu within the software
	• IP65 rating against dust and water, pressurized printer cabinet
	• Ethernet, R232, USB port and SD card slot
	• Programmable password security
	• Citronix PixelPlus and ciPrecisionPlus for high print quality

Installation

Mounting	• Machine and floor mounting
Print distance	• Up to 50 mm

Optional accessories

Photocell	• Reliable and exact placement of the print even on difficult surfaces
Shaft encoder	• Precise positioning of the print and high print quality on non-constant conveyor speeds
Alarm light	• Red/ yellow/ green signaling of the printer status with modern LED technology
Stainless steal cabinet	• High quality printer stand from stainless steel, with 4 large wheels, a storage compartment and a lockable door

Environment

• 41 - 113 °F with 10 – 90% humidity (non-condensing)

Warranty

• 30 months (consumables excluded)